
 WMAP Cosmological Parameters

Model: wcdm+mnlu

Data: wmap9+spt+act+snls3

$10^9 \Delta_{\mathcal{R}}^2$	2.52 ± 0.11	H_0	$68.6 \pm 3.1 \text{ km/s/Mpc}$
$A_{\text{clustered}}$	< 12 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	14.4 ± 2.5
$A_{\text{Poisson}}^{\text{SPT}}$	> 16 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	$5755 \pm 34 \mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14152^{+104}_{-103} \text{ Mpc}$	$d_A(z_*)$	$13987^{+105}_{-104} \text{ Mpc}$
$D_v(z = 0.57)/r_s(z_d)$	$13.86^{+0.53}_{-0.54}$	η	$(6.00 \pm 0.12) \times 10^{-10}$
k_{eq}	0.01007 ± 0.00028	ℓ_{eq}	140.8 ± 3.0
ℓ_*	302.05 ± 0.42	$\sum m_\nu$	$< 1.2 \text{ eV}$ (95% CL)
n_b	$(2.466 \pm 0.048) \times 10^{-7} \text{ cm}^{-3}$	n_s	0.954 ± 0.012
Ω_b	0.0469 ± 0.0038	$\Omega_b h^2$	$0.02196^{+0.00042}_{-0.00043}$
Ω_c	0.248 ± 0.028	$\Omega_c h^2$	0.1157 ± 0.0040
Ω_Λ	$0.690^{+0.039}_{-0.040}$	Ω_m	$0.310^{+0.040}_{-0.039}$
$\Omega_m h^2$	$0.1444^{+0.0066}_{-0.0067}$	$\Omega_\nu h^2$	< 0.013 (95% CL)
$r_s(z_d)$	$152.2 \pm 1.1 \text{ Mpc}$	$r_s(z_d)/D_v(z = 0.106)$	0.335 ± 0.016
$r_s(z_d)/D_v(z = 0.2)$	0.1821 ± 0.0085	$r_s(z_d)/D_v(z = 0.35)$	$0.1089^{+0.0048}_{-0.0047}$
$r_s(z_d)/D_v(z = 0.44)$	$0.0893^{+0.0038}_{-0.0037}$	$r_s(z_d)/D_v(z = 0.54)$	$0.0754^{+0.0030}_{-0.0029}$
$r_s(z_d)/D_v(z = 0.57)$	0.0723 ± 0.0028	$r_s(z_d)/D_v(z = 0.6)$	0.0694 ± 0.0026
$r_s(z_d)/D_v(z = 0.73)$	$0.0599^{+0.0021}_{-0.0020}$	$r_s(z_*)$	$145.5^{+1.1}_{-1.0}$
R	$1.772^{+0.030}_{-0.031}$	σ_8	$0.734^{+0.060}_{-0.059}$
$\sigma_8 \Omega_m^{0.5}$	0.406 ± 0.022	$\sigma_8 \Omega_m^{0.6}$	0.361 ± 0.020
α_{SNLS}	1.43 ± 0.11	β_{SNLS}	3.26 ± 0.11
A_{SZ}	< 1.2 (95% CL)	t_0	$14.02^{+0.20}_{-0.21} \text{ Gyr}$
τ	0.084 ± 0.013	θ_*	$0.010401^{+0.000014}_{-0.000015}$
θ_*	$0.59593 \pm 0.00083^\circ$	τ_{rec}	282.5 ± 2.3
t_{reion}	$444 \pm 64 \text{ Myr}$	t_*	$373485^{+4137}_{-4107} \text{ yr}$
w	-1.21 ± 0.13	z_d	1019.31 ± 0.88
z_{eq}	3296^{+91}_{-92}	z_{rec}	1089.13 ± 0.83
z_{reion}	10.5 ± 1.1	z_*	1092.06 ± 0.82
